

DETAILED ACTION

1. This in response to an Information Disclosure Statement Letter filed on 09/12/2008 after the notice of allowance was mailed out on 07/28/2008. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance:

The newly submitted prior art (IDS) have been considered but do not teach the limitations of the current allowed application. Masuda (6931025) teaches of an optical network with an optical adaptation layer whose order is higher than synchronous optical network (SONET) layer and lower than Internet protocol (IP) layer is provided. The optical adaptation layer is configured to construct an optical adaptation frame into which IP flows are aggregated at an edge node. Masuda (6931025) relates to a delay guarantee system in an optical network, and more particularly to, a delay guarantee system to guarantee signal delay by providing an optical adaptation frame and by framing IP (Internet protocol) packets according to a quality of service (QOS) in optical network.

Masuda et al. (6678474) teaches of a lightwave network data communications system having architecture that routing operation within a lightwave network is

simplified, and a high-speed transfer process is attained in a large-scale basic network utilizing a wavelength division multiplexing (WDM) technology which accommodates internet traffics from a plurality of subscriber networks. The lightwave network data communications system includes a unit for giving a lightwave router address to an edge router and a core router in the lightwave network, a unit for resolving a destination lightwave router address and an aggregated flow identifier about an IP packet received from a subscriber, and encapsulating the IP packet into a lightwave adaptation frame with these pieces of data contained in header information in the edge router, a unit for encapsulating a plurality of packets each having a length under a fixed length into a superframe, a unit for executing a share-ride scheme in which the packets of a plurality of IP flows can be shared as a superframe, and a unit for monitoring the traffic on the superframe basis and regulating an excessive traffic.

Masuda (6931025) and Masuda et al. (6678474) fail to show in particular, that a first data packet is created that contains: 1) a message requesting a reservation of network resources, and 2) an object comprising a connection request of a communications protocol other than the reservation protocol. This packet is sent from a first communication endpoint or network device. In response, the first communication endpoint or network device receives a second data packet that contains: 1) a resource reservation message, and 2) a connection request acknowledgement of a communications protocol other than the reservation protocol. Accordingly, a communication channel and a reservation of network resources can be established by

exchanging a single set of data packets between communication endpoints or network devices.

Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ABDULLAH RIYAMI whose telephone number is (571)270-3119. The examiner can normally be reached on Monday through Thursday 8am-5pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy D. Vu can be reached on (571) 272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Abdullah Riyami/
Examiner, Art Unit 2616
/Huy D. Vu/

Supervisory Patent Examiner, Art Unit 2616